

IN THE CLAIMS

This listing of claims replaces all prior versions and listings of claims in the application:

1-13. (Canceled)

14. (Currently Amended) A light-emitting device comprising:

a semiconductor light emitting diode capable of emitting light of a first wavelength, the semiconductor light emitting diode having a top surface and a bottom surface, the top surface comprising a light-emitting surface,

electrical connectors formed on the bottom surface of the semiconductor light emitting diode, the electrical connectors being configured to apply an electric voltage to the semiconductor light emitting diode, and

a plurality of regions of phosphor provided on the light-emitting surface, wherein:

at least some of the plurality of regions of phosphor are capable of converting light of the first wavelength to visible light of a second wavelength;

the plurality of regions of phosphor form a pattern; and

the plurality of regions of phosphor are separated by regions of the light-emitting surface without phosphor.

15. (Canceled).

16. (Previously Presented) A device as claimed in claim 14, wherein the regions of the light-emitting surface without phosphor are at least partly covered with a light-transmitting layer.

17. (Previously Presented) A device as claimed in claim 16, wherein a thickness of the light-transmitting layer is substantially the same as a thickness of phosphor in the regions of phosphor.

18-27. (Canceled).

28. (Previously Presented) A device as claimed in claim 14, wherein the pattern is a chessboard pattern.

29. (Previously Presented) A device as claimed in claim 14, wherein composite light emitted from the device, the composite light comprising light of the first wavelength and light of the second wavelength, appears substantially white.

30. (Previously Presented) A device as claimed in claim 14, wherein the thickness of the phosphor layer is such that all the light of the first wavelength incident on the phosphor layer is converted to light of a different wavelength.

31. (Previously Presented) A device as claimed in claim 14, wherein others of the plurality of regions of phosphor are capable of converting light of the first wavelength to visible light of a third wavelength

32. (Previously Presented) A device as claimed in claim 14, further comprises at least one optical element for mixing the emitted light of the first and the second wavelength.